

ENGINEER III

DEFINITION

Under direction, is responsible for performing difficult to complex professional engineering work and/or supervising professional and technical engineering staff; performs related duties as required.

EXAMPLES OF WORK (Any one position may not include all of the duties listed, nor do the examples cover all of the duties that may be performed.)

Directs the activities of an engineering unit involved in the planning, design, construction, maintenance or operation of Capitol Improvement Projects and/or private developments;

Supervises engineering staff involved in major construction and/or maintenance projects or consultant studies; organizes and assigns work of a project nature; develops the procedures to be used; evaluates the work of subordinate personnel and, at times, outside consulting firms;

Reviews and inspects construction, maintenance, installation, and consultant work to ensure feasibility and adherence to departmental standards, policies and specifications; amends current plans and specifications to suit existing conditions as needed;

Represents the division in special project and area civic association meetings as well as meetings with state, county and municipal organizations, consulting engineering groups and contractors;

Stays abreast of current engineering principles;

Directs the preparation of plans, specifications, bids and cost estimates; prepares, reviews, and/or oversees contracts;

Assists with the preparation of the budget for the division;

Responds to requests or complaints from the public by way of telephone or in writing;

Supervises the design of moderately difficult to complex structures, facilities, systems and equipment;

May serve as an Engineer IV in his/her absence.

MINIMUM QUALIFICATIONS

Possession of a valid State of Ohio certificate as a registered Professional Engineer and three (3) years of professional engineering experience which includes some supervisory experience over professional engineers or engineering projects. Substitution(s): Possession of a valid State of Ohio certificate as a registered Professional Engineer (P.E.) and nine (9) years of practical engineering experience, which includes two (2) years of experience supervising professional

engineers or engineering projects.

Specialization in the discipline for which appointment is being made may be required for some positions and will be incorporated in the job postings, as appropriate.

Possession of a valid motor vehicle operator's license.

SPECIAL NOTE:

Professional experience is defined as responsible and significant engineering work performed after registration as a Professional Engineer (P.E.). Practical experience is defined as responsible and significant engineering work performed after graduation from an accredited, degreed engineering curriculum.

KNOWLEDGE, SKILLS AND ABILITIES

Thorough knowledge of modern methods and techniques used in engineering; considerable knowledge of the principles and theory of engineering; considerable knowledge of the materials and equipment used in public works construction and/or maintenance ; ability to supervise and evaluate professionals and subprofessionals assigned to do engineering work; ability to prepare engineering plans and/or specifications for major projects; ability to plan and coordinate major engineering and maintenance projects; ability to design difficult to complex engineering structures, facilities, systems and equipment; ability to develop and maintain effective working relationships with others; ability to prepare technical reports and maintain engineering records; ability to write and speak effectively.

Probationary Period:	365 Days
Examination:	Noncompetitive
Class Code:	1048
Job Family:	Applied Science
EEO Job Category:	Professional
Compensation Plan:	CMAGE/CWA
Salary:	Grade 59
Class established:	04-08-63
Current spec:	06-25-01
Commission action taken:	Revise Merge/Retitle (Electrical (1150), Mechanical (1124) & Traffic Engineer IV (1092) 12/18/89)
Last reviewed:	06-25-01